

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

COMPLETE LISTING OF THE CLAIMS:

Claims 1-52 : (Canceled)

Claim 53 : (New) A portable instrument for projecting bit-mapped two-dimensional images in display modes of operation, and for selectively electro-optically reading indicia in reading modes of operation, comprising:

a) a housing;

b) an electro-optical assembly supported by the housing, for reading an indicium during a reading mode, and for projecting a bit-mapped two-dimensional image related to the indicium on a viewing surface during a display mode, the images being different for different indicia; and

c) a mode selector for selecting one of the modes.

Claim 54 : (New) The instrument of claim 53, wherein the housing has a size and a shape configured to be held in a user's hand during both the display and reading modes.

Claim 55 : (New) The instrument of claim 53, wherein the assembly includes a reader having a light source for generating a light beam, a light sensor having a field of view and operative for detecting light from the indicia, and a scanner for scanning at least one of the light beam and the field of view.

Claim 56 : (New) The instrument of claim 55, wherein the indicia are coded, machine-readable symbols over which said at least one of the light beam and the field of view is scanned, and wherein the sensor is operative for generating an electrical signal corresponding to

each symbol, and wherein the reader includes a signal processor for processing the signal to data indicative of each symbol.

Claim 57 : (New) The instrument of claim 53, wherein the assembly includes a reader having a capture device having a field of view over which the indicia are captured.

Claim 58 : (New) The instrument of claim 53, wherein the assembly includes a light source for generating a light beam, and a scanner for sweeping the light beam in a raster pattern of scanning lines that cover an area of the viewing surface, and wherein the assembly includes a controller for pulsing the light source on and off while the light beam is swept over each of the scanning lines.

Claim 59 : (New) The instrument of claim 58, wherein the scanner includes a first scan mirror for sweeping the light beam along a first direction, and a second scan mirror for sweeping the light beam along a second direction generally orthogonal to the first direction.

Claim 60 : (New) The instrument of claim 53, wherein the mode selector is a switch on the housing, and manually actuatable between reading and display states that respectively correspond to the reading and display modes.

Claim 61 : (New) A method of projecting bit-mapped two-dimensional images in display modes of operation, and of selectively electro-optically reading indicia in reading modes of operation, comprising the steps of:

a) manually selecting a reading mode on a portable instrument for reading an indicium; and

b) manually selecting a display mode on the portable instrument for projecting a bit-mapped two-dimensional image related to the indicium on a viewing surface, the images being different for different indicia.

Claim 62 : (New) A portable, handheld device for displaying a bit-mapped two-dimensional image, comprising:

- a) a housing;
- b) a display panel connected to the housing; and
- c) a projector within the housing for projecting the image in an area smaller than the housing on the display panel in a display mode of operation, the display panel being electrically unenergized during the display mode.

Claim 63 : (New) A handheld, electronic device for displaying a bit-mapped two-dimensional image, comprising:

- a) a housing having a display panel connected to the housing;
- b) an energizable laser in the housing for projecting a laser beam toward the display panel when energized;
- c) a scanner in the housing for sweeping the laser beam along a plurality of light paths over the display panel; and
- d) a controller in the housing operatively connected to, and operative for energizing, the laser at selected positions of the laser beam in at least one of the light paths to generate individual light pixels at the selected positions on the display panel, and at a refresh rate at which the pixels persist to enable a human eye to steadily view the image comprised of a light

pattern of the pixels on the display panel, the display panel being electrically unenergized during display of the image.

Claim 64 : (New) The device of claim 63, wherein the device is a telephone, and wherein the display panel is a cover hinged to the telephone.

Claim 65 : (New) A wearable, electronic device for displaying a bit-mapped two-dimensional image, comprising:

a) a housing worn by a human user and having a display surface connected to the housing and positioned in front of the user's eye;

b) an energizable laser in the housing for projecting a laser beam toward the display surface when energized;

c) a scanner in the housing for sweeping the laser beam along a plurality of light paths over the display surface; and

d) a controller in the housing operatively connected to, and operative for energizing, the laser at selected positions of the laser beam in at least one of the light paths to generate individual light pixels at the selected positions on the display surface, and at a refresh rate at which the pixels persist to enable the eye to steadily view the image comprised of a light pattern of the pixels on the display surface, the display panel being electrically unenergized during display of the image.